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July 12, 2001

ATTORNEY DOCKET NO. 06720.0065  
CUSTOMER NUMBER: 22,852

**Box PATENT APPLICATION**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

Re: New U.S. Patent Application  
Title: PERTURBATION APPARATUS AND  
METHOD FOR USER DETECTION IN A  
MULTIPLE-ACCESS COMMUNICATION SYSTEM  
Inventor(s): CHUN CHIAN LU

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 24 pages, including 5 independent claims and 20 claims total.
2. Drawings - 12 sheets of informal drawings (Figures 1-11).
3. Declaration and Power of Attorney.
4. Recordation Form Cover Sheet and Assignment to Industrial Technology Institute, Hsinchu, Taiwan. R.O.C.
5. The filing fee is calculated as follows:

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Basic Application Filing Fee				\$710	\$ 710.00
	Number of Claims	Basic	Extra Claims		
Total Claims	20	-	20	x \$18	
Independent Claims	5	-	3	x \$80	160.00
[ X] Presentation of Multiple Dep. Claim(s)				+\$270	270.00
				Subtotal	\$
				Reduction by 1/2 if small entity	-
				TOTAL APPLICATION FILING FEE	\$ 1140.

6. A check for \$ 1180.00 is enclosed. The fee includes:

\$ 710.00 filing fee;  
\$ 160.00 additional claims fee;  
\$ 270.00 multiple dependent claims and  
\$ 40.00 Assignment recordation fee.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
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Please accord this application a serial number and filing date and record and return the Assignment to the undersigned.

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The Commissioner is hereby authorized to charge any additional filing fees due and any other fees due under 37 C.F.R. § 1.16 or § 1.17 during the pendency of this application to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By:   
Yitai Hu  
Reg. No. 40,653

YH:pwl  
Enclosures